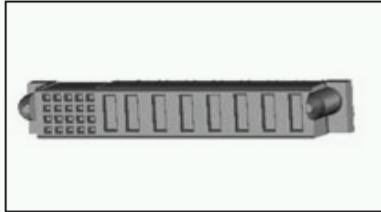



6450862-5 Product Details

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6450862-5

TE Internal Number: 6450862-5

 **Active**

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MULTI-BEAM XL and MULTI-BEAM XLE Connectors

 [Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- Product Series = XLE
- Board-to-Board
- Connector Assembly
- Connector Style = Receptacle
- Contact Type = Socket

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- [2 PIECE POWER CONNECTORS_qrg_4-1773458-1](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version B1)
- [3D Model](#) (IGES, Version B1)
- [3D Model](#) (STEP, Version B1)

[List all Documents](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [Product Series](#) = XLE
- Connector Type = Connector Assembly
- [Mount Angle](#) = Vertical
- [Termination Style](#) = Press Fit
- [Mating Type](#) = Blindmate
- [PCB Mount Retention](#) = With
- Guides = With

Termination Features:

- Termination Post Length (mm [in]) = 3.43 [0.135]

Body Features:

- [Sequencing](#) = No
- PCB Mount Retention Type = Retention Clip/Post
- Connector Configuration Orientation = Right-to-Left
- Centerline, DC Module (mm [in]) = 6.35 [0.250]
- Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100]

Contact Features:

- Contact Type = Socket
- Contact Material (Power) = High Conductivity Copper
- Contact Material (Signal) = Copper Alloy
- Contact Plating, Mating Area, Material = Gold (30)

Housing Features:

- Connector Style = Receptacle
- Housing Material = High Temperature Thermoplastic

Configuration Features:

- [Total Number of DC Power](#) = 8
- [Total Number of AC Power](#) = 0
- Total Number of Coax = 0
- [Total Number of Signal](#) = 20
- Connector Contact Configuration (No. of Pos./Type) = 6/DC Power, 2/HDP DC Power, 20 Signal

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not reviewed for lead free solder process
- RoHS/ELV Compliance History = Always was RoHS compliant

Operation/Application:

- Application Use = Board-to-Board

Other:

- Brand = AMP
- Comment = For additional configurations available, contact Tyco Electronics.

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